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TO HIS HONOUR,

THE LIEUTENANT-GOVERNOR OF THE PROVINCE OF ONTARIO
IN COUNCIL.

MAY IT PLEASE YOUR HONOUR:

By Order of Your Honour of July 25th, 1917, in pursuance of sub-section 1 of section 13 of the Water Powers Regulation Act, 1917, (7 George V, Ch. 22) we were appointed as Commissioners to hold an enquiry under The Public Enquiries Act, and report to the Lieutenant-Governor in Council as to

(a) the quantity of water in cubic feet per second which the said The Electrical Development Company of Ontario, Limited, is entitled to divert or use;

(b) the amount of power in horse-power which such company is entitled to generate or develop;

(c) the extent, if any, by which the capacity of the Works



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REVENUE DEPARTMENT

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installed or equipped by such company exceeds the amount of power in horse-power which such company is entitled to develop or generate;

(d) the price and terms and conditions upon which, having regard to all the circumstances and to the rights of such company as ascertained by the Commissioners, the power, to the extent of such excess, should be delivered to the Hydro-Electric Power Commission of Ontario as provided in section 13 of the Water Powers Regulation Act, 1916; and

(e) such other matters connected with or arising out of the subject matter of the reference as the Commissioners may deem expedient.

Pursuant thereto, we proceeded to hold the enquiry, and before us appeared Mr. George H. Kilmer, K.C., and Mr. C.C. Robinson representing the Attorney-General of the Province of Ontario, the Commissioners for the Queen Victoria Niagara Falls Park and (with Mr. W. W. Pope) the Hydro-Electric Power Commission

of Ontario; Mr. D. L. McCarthy, K.C., and Mr. H. J. Scott, K.C. representing The Electrical Development Company of Ontario Limited; and Mr. A. W. Anglin, K.C., representing the National Trust Company Limited, Trustees under a bond mortgage made by The Electrical Development Company of Ontario Limited.

For reasons which they stated and which will appear from the stenographer's report of the proceedings, Mr. McCarthy, Mr. Scott, and Mr. Anglin, before any witnesses were called, withdrew from the proceedings. At a later stage and after some evidence had been taken, Mr. W. N. Tilley, K.C. appeared before us representing Messrs. Howe Snow Corrigan and Bertles of Grand Rapids in the State of Michigan, who, he said, had sold bonds of the company and represented bondholders, and from that time onward he was present at the proceedings.

The enquiry was continued during several sessions; and such witnesses were called and heard and such evidence and argument

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submitted as the parties represented desired to offer.

We also had the advantage of going through and examining and inspecting the power house and plant of The Electrical Development Company of Ontario Limited at Niagara Falls. The operating part of this plant comprises eleven generating units (turbines, generators, etc.) which, for convenience of reference, are numbered from 1 to 11 respectively. Four of these (numbers 8 to 11 inclusive) were installed in 1904, three in 1910 and four in 1912; the capacity of each of the units 8 to 11 being less than that of each of the other units. Each unit has a safe operating capacity in excess of what is called its capacity stated by its manufacturer, that excess being roughly speaking about twenty-five per cent. over the rated capacity.

Each of these units requires 300 horse power to bring the turbine and the machinery and generator connected with it up to the point where they begin to produce or develop power for commercial

use - power that can be made use of otherwise than for the purpose of such speeding up and excitation; this 300 horse power is constant, being necessary not only to bring the unit to the point where it will develop power for commercial use but also to maintain it at that stage. This we mention by way of explanation of the difference between what has been referred to in the evidence as wheel power (power at the turbines including the 300 horse power already mentioned) and electrical horse power (power at the generator switch board ready for use commercially by customers and others to whom it may be delivered.)

Our answers to the questions submitted to us are as follows:-

(a) The number of second feet of water, that is cubic feet of water per second, required to develop 125,000 horse power varies according to the head under which the works are operated, and is as follows:

At 135 feet head	10512	second feet.
At 136 feet head	10430	second feet.
At 138 feet head	10287	second feet.
At 140 feet head	10132	second feet.
At 142 feet head	9996	second feet.
At 144 feet head	9860	second feet.
At 146 feet head	9715	second feet.
At 148 feet head	9518	second feet.

and our conclusion is that it may be taken that the Company is entitled to use 10512 second feet of water.

(b) We find that the Company is not entitled at any time to develop more than 125,000 horse power for commercial use, and that the contention that it may exceed that amount if the average quantity used does not exceed 125,000 horse power is not well founded.

Horse power for commercial use means, in our opinion, that available for disposition to customers, and does not include the power necessary to be developed in order to make ready to deliver horse power from the generators or switchboard.

We find that under the terms of the contract the Company

is entitled to develop 125,000 horse power not at the wheel, but at the generator. It is necessary as has already been said, to use 300 horse power per unit for the eleven units for the purpose of speeding up and exciting before there is produced horse power for commercial use.

The question was raised as to whether for the purposes of production of pneumatic horse power or other horse power than electrical, more water is required than for the production of electrical horse power and we directed that evidence should be given as to this, and it was given; and it establishes, as we find, that no more water is required for the development of pneumatic or other horse power than for the production of electrical horse power.

(c) We find that the capacity of the works installed or equipped by the Company is 150,000 horse power for commercial use, which exceeds by 25,000 horse power the amount of horse power which the Company is entitled to develop or generate for that purpose.

The first part of the report deals with the general situation of the country and the progress of the work done during the year. It is followed by a detailed account of the various projects and the results achieved. The report concludes with a summary of the work done and a list of the names of the persons who have been engaged in the work.

The second part of the report deals with the financial statement of the year. It shows the total amount of the income and the expenditure for the year. It also shows the balance of the fund at the beginning and at the end of the year. The report concludes with a list of the names of the persons who have been engaged in the work.

The third part of the report deals with the general remarks of the committee. It contains a number of suggestions and recommendations for the improvement of the work. It also contains a list of the names of the persons who have been engaged in the work.

The report is signed by the members of the committee and is dated the 31st day of December, 1900.

(d) Having regard to the circumstances and present conditions, should the Company be ordered to deliver to the Hydro-Electric Power Commission of Ontario such excess power or energy, we are of opinion and we find that a reasonable price for such excess power or energy is \$9.00 per horse power per annum, calculated on the average amount of such excess so delivered to and taken by the Commission in each year.

In stating this price it is not to be taken as expressing any opinion as to the rights or liabilities of the parties in respect of any power or energy that may heretofore have been developed by the Company in excess of 125,000 horse power.

All of which is respectfully submitted.

DATED at Osgoode Hall,)	"W. R. MEREDITH"
)	"R.F. SUTHERLAND"
Toronto, 25th April, 1918.)	"H. T. KELLY"

The first part of the document is a letter from the Secretary of the
 Board of Education to the Board of Trustees of the University of
 California, Berkeley, dated January 10, 1962. The letter discusses
 the proposed changes in the structure of the Board of Education
 and the Board of Trustees, and the need for a new Board of
 Education to oversee the state's public schools. The letter
 also mentions the need for a new Board of Trustees to oversee
 the state's higher education system.

Very truly yours,
 [Signature] Secretary of the Board of Education



SEE AGRICULTURAL DEVELOPMENT-
MENT COMMISSION OF ONTARIO,
LISTED.

C O P Y

REPORT OF COMMISSIONERS.

25th April, 1918.



ONTARIO

DEPARTMENT OF THE SECRETARY & REGISTRAR
ASSISTANT PROVINCIAL SECRETARY'S
OFFICE

In the matter of the Commission of Inquiry re Waterworks
Regulations and Electrical Development Company of Ontario.

Received from The Provincial Secretary's Department
the following Exhibits referred to in the evidence taken by
the Honourable Commissioners herein:-

Exhibits Nos. 1, 2, 3, 5, 6, 9, 10, 11, 12, 13
and 14.

*Kilmer Irving & Davis
Per E. H. Brown.*



ONTARIO

DEPARTMENT OF ATTORNEY GENERAL

Toronto, October 22, 1918.

P. V. Johns Esq.,
Assistant Provincial Secretary,
Parliament Buildings.

Dear Sir:

Will you kindly let the bearer, Mr. E. E. Brewer, have all the exhibits put in by the Attorney General on behalf of the Hydro-Electric Power Commission, before the Commission appointed under The Water Power Regulation Act, and this will be your authority for doing so.

Yours faithfully,

E. H. Layton
Solicitor,
Attorney General's Department.



ONTARIO

DEPARTMENT OF THE SECRETARY & REGISTRAR
ASSISTANT PROVINCIAL SECRETARY'S
OFFICE

FVJ/GCFM

Toronto, October 2nd, 1918

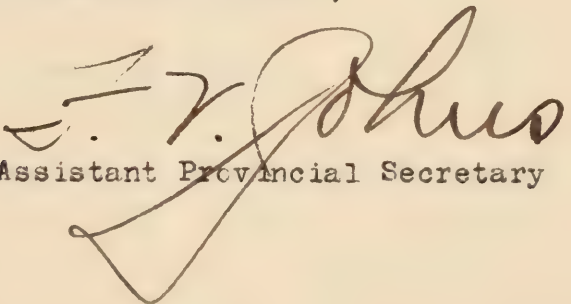
Sirs,

As requested in your letter of the 14th inst. addressed to the Honourable the Attorney General, I have the honour to herewith deliver by special messenger certain generating station log sheets of the Toronto Power Company filed as Exhibit No.4 at the hearing of the Commission appointed in the matter of the Water Powers Regulation Act.

I have the honour to be

Sirs,

Your obedient servant,


Assistant Provincial Secretary

Messrs Kilmer, Irving & Davis,
Barristers,

10 Adelaide Street East,

Toronto, Ont.

*Received this 2nd Oct. 1918
Kilmer Irving & Davis
per W. H. Davis.*

TORONTO, April 26th, 1918.

Sir:-

I have the honour to transmit to you herewith the Report of the Commissioners appointed by Royal Commission, dated 25th July, 1917, to make certain enquiries with reference to the Electrical Development Company of Ontario, Limited, and the evidence taken by the Commissioners with the Exhibits referred to in it, and the Minutes of the proceedings of the Commissioners.

I have the honour,

to be Sir,

Your obedient Servant

G. T. Furman
Registrar

To The Honourable,
The Provincial Secretary,
TORONTO.

